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IVAN PETROVICH RAZENKOV

Ivan Petrovich Razenkov, Academician Secretary of the Department of Medicobiological Sciences and Active Member of the Academy of Medical Sciences USSR, was born in 1888.

In 1914 Razenkov completed the course at the medical faculty at Kazan University, where he had completed six experimental works on physiology under the spensorship of Professor N. A. Mislavskiy. The following year he worked in I. P. Pavlov's laboratory. During World War I he was a medical worker in the Russian Army. Upon release from the army he reentered Pavlov's laboratory, where he studied the relationship of the processes of stimulation and retardation of the higher nervous system and digestion. It was caring the latter period that he published his work, "Mechanism of the Second Phase of Gastric Secretion."

In 1924 he served as the chief of the physiological laboratories of the Institute imeni could and the Institute imeni Timir and il later he used the materials which he collected while working in these laboratories to publish the monograph, "conditions and Mechanism of the Vasomotor Properties of Blood." Laboratories headed by Rezenkov eventually became schools which were attended by prominent doctors, biologists, and professors of higher educational institutions who sought to improve their knowledge in the field of physiology. Today many of Razenkov's students and associates are heads of chairs and chiefs of laboratories at Soviet institutes.

Between 1924 and 1928, Razenkov solved many problems on nerve and humoral regulation of an organism and revealed many new connections between physiological systems.

His works proved helpful in solving such practical problems as the physiclogical effect of external factors -- temperature, light, and barometric pressire -- on the human organs. Razenkov did much work on the physiological development of individual organs of humans under low barometric pressures, using as a basis for this work observations made during the El'brus expedition, during linigh-altitude: flights, and in pressure chambers. These studies, chiefly on the digestive tract and nutrition, provided new data having practical application for aviation flying personnel.

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In 1939 the Academy of Sciences USSR awarded the Prize imeni Pavlov to Razenkov for his work, "Development of I. P. Pavlov's Heritage in the Field of the Physiology of Digestion." In 1947 he received the Stalin Prize First Class for his two books, "Digestion at High Altitudes," and "Quality of Mutrition and the Functioning of an Organism."

Razenkov is the author of more than 80 works; almost 500 works emanated from his laboratory.

Other positions held by Razenkov include: chairman of the Moscow Society of Physiologists, Biochemists, and Pharmacologists since 1929 (the founding date of the Society); chairman of the All-Union Society of Physiologists (a position to which he was elected between the Fifth and Sixth Assemblies); permanent member of the organization committee of all all-Union physiological assemblies, conferences, and sessions, and chairman of the organization committee of the conferences, and sessions, and chairman of the organization committee of the fifth All-Union Assembly of Physiological assemblies, Fifth All-Union Assembly of Physiological assemblies, and Director of the Moscow Affiliate of the All-Union Institute of Experimental Medicaler (VIEM), and deputy director of the VIEM after its transfer from Leningrad; director of the Institute of Physiology, Academy of Medical Sciences USSR (1948); deputy chairman of the Scientific Medical Council, Ministry of Public Health USSR (1934 to 1945); member of the Expert (advisory) Commission on Theoretical Medical Subjects for the Higher Certifying Commission, Ministry of Ligher Education; and member of the editorial stafi for several periodicals.

In 1939, following the death of M. N. Shaternikov, he was appointed a professor at the Chair of Normal Physiology, First Moscow Medical Institute, and in the same year he was given the title, "Honored Worker of Science." In 1944, the year in which the Academy of Medical Sciences was founded, Razenkov was elected an Active Member and Academician Secretary of the Department of Medicobiological Sciences, Academy of Medical Sciences USSR.

In 1943 the Party and government awarded Razenkov the Order of Lenin, in recognition of his services and in 1947 he became a Stalin Prize Laureate First Class.

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